

FIG. 1

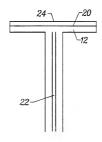
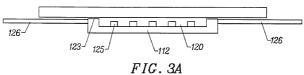


FIG. 2



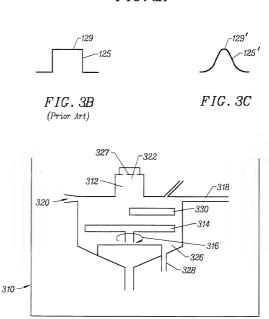
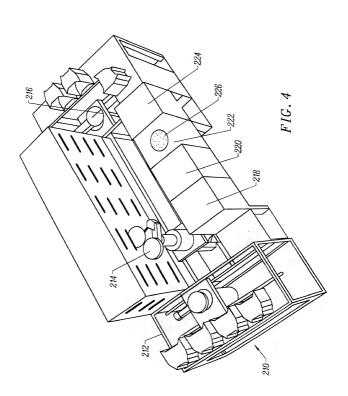
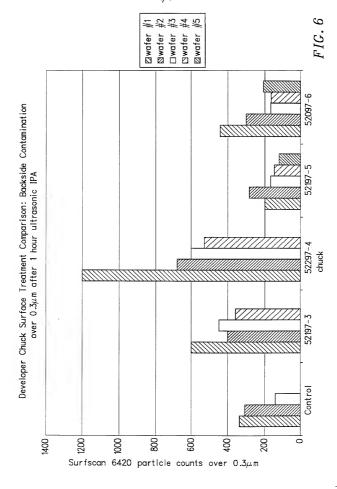


FIG. 5

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Minimization of Surface Contact Area

Coat Par		X-Wafer	
Coating uniformity is not compromised	when the wafer-to-chuck contact	"dimples" are reduced by 50%.	

7	Coat Parameter	Std Chuck	Reduced Dimple Chuck	
	X-Wafer Uniformity	7.5	9	
	W-W Uniformity	3.89	1.84	

Coating Uniformity: Std Chuck vs Reduced Dimple Chuck

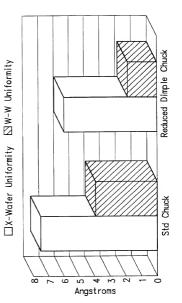


FIG. 7

Minimization of Surface Contact Area

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7914	7914
287	13587 8997
135	135
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eved when reducing	ontamination is achieved when reducing the number if wafer contact sites.
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	sites. 2

Standard Chuck vs Reduced Dimple Chuck

